

Title (en)  
COAGULATION-SEPARATION APPARATUS

Title (de)  
KOAGULATIONS-ABSCHEIDUNGS-VORRICHTUNG

Title (fr)  
APPAREIL DE SEPARATION DE COAGULATION

Publication  
**EP 1813336 A4 20090128 (EN)**

Application  
**EP 05790471 A 20050929**

Priority  
• JP 2005018496 W 20050929  
• JP 2004287920 A 20040930

Abstract (en)  
[origin: EP1813336A1] A coagulating and separating apparatus is provided with a coagulating and separating tank 1 into which raw water is introduced. The raw water flows from a mixing tank 2 to the coagulating and separating tank 1 through a raw water introducing pipe 3, an arrangement 4 for adding high specific gravity, and a raw water introducing pipe 5. A current generator 11 is provided in the coagulating and separating tank 1 for stirring water to be treated to generate water current. Under the coagulating and separating tank 1, a sludge discharge opening 13 and a sludge collection box 14 are provided. The sludge in the sludge collection box 14 is transferred to a separator 8 through a sludge transfer pipe 15. The separator 8 separates material with high specific gravity from the sludge and supplies it into the arrangement 4 for adding the material with high specific gravity.

IPC 8 full level  
**B01D 21/26** (2006.01); **B01D 21/01** (2006.01); **B01D 21/28** (2006.01)

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